

WHAT IS CLAIMED IS:

1. A sunshade, comprising a hollow lower rod, a hollow upper rod located above the lower rod, and a tipping device mounted between the upper rod and the lower rod, wherein:

5 the tipping device includes a lower connector, an upper connector, a connecting lever, a drive plate, a tensile spring, and a slide, wherein:

 the lower connector has a lower end secured on an upper end of the lower rod and an upper end having a first side formed with a protruding support block and a second side formed with a receiving recess;

10 the upper connector has an upper end secured on a lower end of the upper rod and a lower end pivotally mounted on the upper end of the lower connector;

 the connecting lever is mounted in the upper rod and the upper connector and has a lower end pivotally mounted on the support block of the
15 lower connector;

 the drive plate is pivotally mounted on a mediate portion of the upper rod and has a first end pivotally mounted on an upper end of the connecting lever;

 the tensile spring is mounted in the upper rod and has a first end
20 secured on the upper end of the connecting lever and a second end secured on an upper end of the upper rod; and

the slide is slidably mounted on the upper rod and the lower rod and is movable to press the drive plate so as to move and pivot the drive plate.

2. The sunshade in accordance with claim 1, wherein the support block of the lower connector is substantially U-shaped.

5 3. The sunshade in accordance with claim 1, wherein the support block of the lower connector has an inside formed with a receiving chamber, and the lower end of the connecting lever is pivotally mounted in the receiving chamber of the support block of the lower connector.

 4. The sunshade in accordance with claim 3, wherein the support
10 block of the lower connector has two side walls each formed with a pivot hole communicating with the receiving chamber, the lower end of the connecting lever is formed with an oblong slot, and the tipping device further includes a pivot axle extended through the pivot hole of the support block of the lower
connector and the oblong slot of the lower end of the connecting lever, so that
15 the lower end of the connecting lever is pivotally mounted on the support block of the lower connector.

 5. The sunshade in accordance with claim 1, wherein the lower end of the upper connector has a first side formed with a protruding pivot seat pivotally mounted in the receiving recess of the lower connector.

20 6. The sunshade in accordance with claim 5, wherein the receiving recess of the lower connector has two sides each formed with a pivot bore communicating with the receiving recess, the pivot seat of the upper connector

is formed with a pivot hole, and the tipping device further includes a pivot shaft is extended through the pivot bore of the receiving recess of the lower connector and the pivot hole of the pivot seat of the upper connector, so that the upper connector is pivotally mounted on the lower connector.

5 7. The sunshade in accordance with claim 5, wherein the lower end of the upper connector has a second side formed with an insertion recess, and the support block of the lower connector is mounted in the insertion recess of the upper connector.

 8. The sunshade in accordance with claim 1, wherein the upper
10 connector is a hollow body.

 9. The sunshade in accordance with claim 1, wherein the upper rod has a peripheral wall formed with an opening for passage of the drive plate.

 10. The sunshade in accordance with claim 1, further comprising a retaining ring mounted on the mediate portion of the upper rod, wherein the
15 drive plate is movable to press the retaining ring so as to limit movement of the drive plate by the retaining ring.

 11. The sunshade in accordance with claim 1, wherein the slide has an inside formed with a mounting hole mounted on the upper rod and the lower rod.

20 12. The sunshade in accordance with claim 1, wherein the slide is located on a connection of the upper connector and the lower connector, so that the upper connector is fixed on the lower connector to form a linear state.

13. The sunshade in accordance with claim 1, wherein the slide is substantially inverted T-shaped.

14. The sunshade in accordance with claim 1, wherein the tipping device further includes a push block mounted on the slide to move therewith
5 and movable to press the drive plate so as to move and pivot the drive plate.

15. The sunshade in accordance with claim 14, wherein the slide has a top face formed with a locking recess, and the push block has a lower portion secured in the locking recess of the slide.

16. The sunshade in accordance with claim 1, wherein the drive plate
10 has an inside formed with an elongated slot for mounting the upper end of the connecting lever.

17. The sunshade in accordance with claim 1, further comprising a plurality of stretchers each having a first end pivotally mounted on the slide, a plurality of ribs each having a first end pivotally mounted on a second end of a
15 respective one of the stretchers and a second end pivotally mounted on the upper end of the upper rod, a pulley mounted in the upper end of the upper rod, a crank rotatably mounted on a mediate portion of the lower rod, and a lift cord mounted in the upper rod and the lower rod and having a first end secured on the crank and a second end reeved through the pulley, extended outward from
20 the upper end of the upper rod, and secured on the slide to move the slide.

18. The sunshade in accordance with claim 17, wherein the drive plate has an inside formed with an elongated slot, and the lift cord is extended through the elongated slot of the drive plate.

19. The sunshade in accordance with claim 17, wherein the slide has
5 a periphery formed with a plurality of pivot channels for mounting the stretchers.

20. The sunshade in accordance with claim 17, wherein the second end of the tensile spring is secured on the pulley.